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30/92/90

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	RPS9-2003-0095	Total Pages	33
First Named Inventor or Application Identifier			
William W. Buchanan Jr.			
Express Mail Label No.	ER211528536		

06/26/03

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. Specification (Total Pages) 26
(Preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Application
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 USC 113) (Total Pages) 7
4. Oath or Declaration (Total Pages) _____
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation /divisional with Box 17 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. Incorporation by Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

Assistant Commissioner for Patents
ADDRESS TO: Box Patent Application
Washington, DC 20231

6. Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))
9. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. Small Entity Statement filed in prior application, Statement(s) Status still proper and desired
15. Certified Copy of Priority Document(s)
if foreign priority is claimed
16. Other: Express Mail Certificate

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label _____
 Or Correspondence address below

NAME	Brian C. Kunzler				
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CITY	Salt Lake City	STATE	Utah	ZIP	84101
COUNTRY	United States	TELEPHONE	(801) 994-4646	FAX	(801) 322-1054

Assignee Name: INTERNATIONAL BUSINESS MACHINES CORPORATION

Assignee Residence: Armonk, New York

06/26/03
85
U.S.
PTO

FEE TRANSMITTAL

Note: Effective October 1, 2001.
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	\$ 1188	Attorney Docket Number	RPS9-2003-0095
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Complete If Known

Application Number	Not yet assigned
Filing Date	June 26, 2003
First Named Inventor	William W. Buchanan Jr.
Group Art Unit	
Examiner Name	

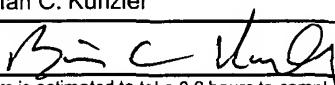
METHOD OF PAYMENT (check one)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	
Deposit Account Number: <u>50-0563</u>	
Deposit Account Name: <u>IBM CORPORATION</u>	
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance	
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other	

FEE CALCULATION (continued)

3. ADDITIONAL FEES

FEE CALCULATION																																													
1. FILING FEE																																													
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>750</td> <td>2001</td> <td>375</td> <td>Utility filing fee</td> <td><u>750</u></td> </tr> <tr> <td>1002</td> <td>330</td> <td>2002</td> <td>165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003</td> <td>520</td> <td>2003</td> <td>260</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>750</td> <td>2004</td> <td>375</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="6">SUBTOTAL (1) <u>\$ 750</u></td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	1001	750	2001	375	Utility filing fee	<u>750</u>	1002	330	2002	165	Design filing fee		1003	520	2003	260	Plant filing fee		1004	750	2004	375	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1) <u>\$ 750</u>					
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Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2520	1812 2520 For filing a request for reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1840*	1805 1840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	
1252	410	2252 205 Extension for reply within second month	
1253	930	2253 465 Extension for reply within third month	
1254	1450	2254 725 Extension for reply within fourth month	
1255	1970	2255 985 Extension for reply within fifth month	
1401	320	2401 160 Notice of Appeal	
1402	320	2402 160 Filing a brief in support of an appeal	
1403	280	2403 140 Request for oral hearing	
1451	1510	1451 1510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - intentional	
1453	1300	2453 650 Petition to revive - unintentional	
1501	1300	2501 650 Utility issue fee	
1502	470	2502 235 Design issue fee	
1503	630	2503 315 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Petitions related to provisional applications	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	
1814	110	2814 55 Statutory disclaimer (37 CFR 1.120(d))	
Other fee (specify) _____			
SUBTOTAL (2)		*Reduced by Basic Filing Fee	SUBTOTAL (3) <u>\$ 0</u>

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Brian C. Kunzler		
Signature		Date	Jun 26, 2003
Reg. Number	38,527		
Deposit Account User ID			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT APPLICATION
Docket No.: RPS9-2003-0095

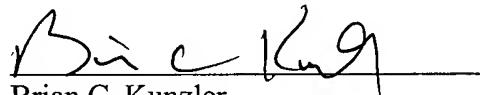
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: ER211528536

Date of Deposit: June 26, 2003

I hereby certify that this patent application in the name of William W. Buchanan Jr., Simon Chu, Linda Ann Riedle, and Paul B. Tippett for APPARATUS METHOD AND SYSTEM FOR ALTERNATE CONTROL OF A RAID ARRAY, together with the drawings, an Information Disclosure Statement, PTO Form 1449, and Copies of Cited References are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Respectfully submitted,



Brian C. Kunzler
Reg. No. 38,527
Attorney for Applicant

Date: June 26, 2003

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